



UNITED STATES MILITARY ACADEMY

WEST POINT, NEW YORK

CHARACTERISTICS

OF THE

CLASS OF 1986



DISTRIBUTION STATEMENT A

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OFFICE OF INSTITUTIONAL RESEARCH
AUGUST 1982

DUTY-HONOR-COUNTRY

AD A119629

Characteristics of the Class of 1986

Report No.: USMA-OIR-82-012

Project No.: 441

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August 1982

Abstract

This report presents the biographical characteristics and achievements of the 1,420 new cadets who entered the United States Military Academy in the Class of 1986.

NOTE: Any conclusions in this report are not to be construed as official U.S. Military Academy or Department of the Army positions unless so designated by other authorized documents.

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Table of Contents

		Page
Table	Preface	1
1	Distribution of Scores on Academic Qualification Measures	
	(Admitted by CEER)	2
2	Distribution of Scores on Academic Qualifications Measures (Admitted by ACEER)	3
3	Distribution of ACEER Scores (Admitted by ACT Scores)	3
4	Distribution of Scores on PAE, LPS and HSR (All Admitted Cadets) .	4
5	Distribution of Whole Candidate Scores (All Admitted Cadets)	5
6	Means and Standard Deviations of Scores of Male and Female Cadets	6
7	Distribution of Height and Weight	7
8	High School Characteristics	8
9	Awards and Scholarships	8
10	Scholarships	9
11	Clubs and Positions Held or Awards Obtained	10
12	Nominations and Appointments	11
13	Father's Military Status and Rank	12
14	Class Year of Fathers Who are USMA Graduates	13
15	Sport Participation	13
16	Miscellaneous	14
	Perort Documentation Page (DD Form 1473)	15

Preface

This report presents the biographical characteristics and achievements of the 1,420 new cadets who entered the Class of 1986. The admission scores listed in Table 1 are for the 980 cadets whose admission was based on the CEER, while Tables 2 and 3 are for the 440 cadets whose admission was based on American College Test scores. The following abbreviations, explanations and definitions of terms apply in this report.

CEER A statistically derived weighted composite score of two
College Entrance Examination Board Tests (Scholastic

Aptitude Test-Verbal, Scholastic Aptitude Test-Mathematics, and a standardized high school rank score.

High School Rank

This is a score derived by converting the actual high

high school rank to a standard score, using a formula developed by the Educational Testing Service.

Whole Candidate Score This is a weighted composite score of the CEER or ACEER,

the Physical Aptitude Examination score and the Leader-

ship Potential Score.

Physical Aptitude This is a standardized score developed to measure physical

capabilities.

Leadership Potential This is a score derived from the ratings of the candidate

by his/her secondary school teachers and evaluations by admissions officials of his/her type of participation

in athletic and other school and community activities.

ACT American College Testing Program.

Examination Score

Score

ACEER A statistically derived weighted composite score of ACT

tests and high school rank converted to the 200-800

range of the CEER.

 $\begin{tabular}{ll} Table & 1 \\ \hline Distribution of Scores on Academic Qualification Measures \\ \hline & (For those admitted by use of CEER) \\ \hline \end{tabular}$

Score Ranges	Scholastic Aptitude Verbal N Cum %		Aptitude Aptitude Verbal Mathematics		CEER N Cum	
750-800	5	100%	38	100%	5	100%
700-749	25	99	112	96	43	99
650-699	91	97	226	85	145	95
600-649	184	88	293	62	265	80
550-599	209	69	210	32	299	53
500-549	258	48	80	10	177	23
450-499	152	21	20	2	42	5
400-449	48	6	1	0	3	0
350-399	8	1	0	0	1	0
Total	980		98 0		980	
Mean	560		631		5 9 7	
S.D.	75		66		62	

man land the second

Table 2

Distribution of Scores on Academic Qualification Measures

(For those admitted by use of ACEER)

Score	AC	CT-ENG	ACT	r-math	AC	T-N.S.	AC	CT-S.S
Ranges	N	Cum %	N	_Cum %	<u>N</u>	Cum %	N	Cum %
34-36	0	100%	43	100%	14	100%	1	100%
31-33	11	100	100	90	149	97	55	100
28-30	47	98	135	68	139	63	125	87
25-27	81	87	124	37	91	31	95	58
22-24	186	68	33	9	27	11	76	30
19-21	91	26	5	1	16	5	33	18
16-18	20	5	0	0	4	1	25	9
13-1 5	4	1	0	0	0	0	6	5
10-12	0	0	0	0	0	0	10	3
Total	440		440		440		426	
Mean	23.4		28.9		28.7		25.7	
S.D.	3.3		3.3		3.4		5.0	

Table 3

Distribution of ACEER Scores

(For those admitted by use of ACT scores)

Score		ACEER
Ranges	N	Cum %
750-800	0	100%
700-749	14	100
650-699	59	97
600-649	126	84
550-599	131	55
500-549	85	25
450-499	24	6
400-449	1	0
Total	440	
Mean	591	
S.D.	60	

Table 4

Distribution of Scores on PAE, LPS and HSR

(For all admitted cadets)

Score		ical Apt ale		(PAE) male		ip Potential (LPS)		choc! Rank (HSR)
Ranges	N P	<u>%</u>	<u>N</u>	<u>%</u> _	<u>N</u>	Cum %	N	Cum %
750-800	26	100%	1	100%	1	100%	84	100%
700-749	44	98	3	99	53	100	68	94
650-699	129	95	7	97	250	96	222	89
600-649	216	84	17	93	422	79	218	74
550-599	284	67	27	81	364	49	285	58
500-549	281	45	31	63	215	23	268	38
450-499	212	23	27	42	78	8	148	19
400-449	70	6	3 0	24	33	3	66	9
350-399	6	1	9	3	4	0	42	4
300-349	3	0	0	0	0	0	13	1
250-299	0	0	0	0	0	0	4	0
200-249	1	0	0	0	0	0	2	0
Total	1272		148		1420		1420	
Mean	565		523		5 9 5		580	
S.D.	83		85		67		100	

^{*}Distribution of PAE scores are shown separately for male and female cadets as they are scored on different events.

Table 5

Distribution of Whole Candidate Scores

(For all admitted cadets)

Score Ranges	<u>N</u> _	Cum %
7250-7499	1	100%
7000-7249	2	100%
6750-6999	15	100
6500-6749	73	99
6250-6499	158	94
6000-6249	362	82
5750 - 5 999	393	57
5500-5749	238	29
5250-5499	117	13
5000-5249	50	4
4750-4999	11	1
Total	1420	
Mean	5929	
S.D.	375	

Table 6

Means and Standard Deviations of Scores

of Male and Female Cadets

	WC	s	HS	R	LP	s	PA	E#
	Male	Female	Male	<u>Female</u>	Male	Female	Male	<u>Female</u>
N	1272	148	1272	148	1272	148	1272	148
Mean	5925	5963	576	613	595	599	565	523
S.D.	377	386	100	98	67	68	83	85
	ACE	ER	CE	ER	SAT	-v	SA	Г-м
	Male	Female	Male	Female	Male	Female	Male	Female
N	390	50	882	98	882	98	882	98
Mean	59 0	597	595	605	558	579	632	622
S.D.	58	72	62	60	75	69	67	63
	ACT	-EN	ACT	-MA	ACT	-NS	AC'	r-ss
	Male	<u>Female</u>	Male	Female	Male	Female	Male	<u>Female</u>
N	39 0	50	39 0	50	39 0	50	376	50
Mean	23.3	24.7	29.0	28.0	28.8	28.1	25.7	26.0
S.D.	3.3	3.3	3.3	3.5	3.3	3.9	5.0	5.0

^{*}PAE scale for females is not the same as the scale for males.

Table 7~1

Distribution of Height and Weight

(Female Cadets)

	Height			Weight	
Inches	No.	_%_	Pounds	No.	_%_
72-73	3	2.0%	191-200	1	0.7%
70-71	11	7.4	171-180	1	0.7
68-69	24	16.1	161-170	4	2.7
66-67	33	22.1	151-160	8	5.4
64-65	48	32.2	141-150	17	11.4
62-63	23	15.4	131-140	39	26.2
60-61	5	3.4	121-130	37	24.8
58-59	0	•0	111-120	25	16.8
56-57	1	0.7	101-110	16	10.7
54-55	1	0.7	90-100	1	0.7
Total	149	100	Total	149	100
Mean	65.	.6	Mean	129	9.4
S.D.	2.9		S.D.	16	5.2

Table 7-2

Distribution of Height and Weight
(Male Cadets)

	Height			Weight	
Inches	No.		Pounds	No.	_%
82-83 80-81	1 1	0.1%			
78-79 76-77 74-75	5 26 140	0.3 2.0 10.9	251-260 241-250 231-240	1 3 3	0.1% 0.2 0.2
72-73 70-71	294 351	23.0 27.5	221-230 211-220	12 23	0.9 1.8
68-69 66-67 64-65	286 110 47	22.4 8.6 3.6	201-210 191-200 181-190	34 56 99	2.6 4.3 7.7
62-63 60-61 58-59	5 5 3	0.3 0.3 0.2	171-180 161-170 151-160	153 209 236	12.0 16.3 18.5
56-57	1	0.1	141-150 131-140	209 137	16.3 10.7
			121-130 111-120 101-110	77 21 2	6.0 1.6 0.1
Total	1275	100	Total	1275	100
Mean	70.	.4	Mean	161	1.3
S.D.	2.	9	S.D.	23	3.2

Table 8
High School Characteristics

	Number	Percent
Type of High School attened in Senior Year		
Public (Include HS in Foreign Country) Private (Non-Military) Private (Military)	1209 181 28	85% 13 2
Rank in Graduating Class		
Top Fifth Second Fifth Third Fifth Fourth Fifth Bottom Fifth Selected as Valedictorian (First in the Class)	1031 283 88 13 3	73% 20 6 1 0
Selected as Salutatorian (Second in the Class)	89	6
Number of High Schools Attended		
One Two Three Four or more	1145 213 44 16	81% 15 3 1

Table 9
Awards and Scholarships

Received Following Awards	Number	Percent
National Honor Society	874	62%
Bausch and Lomb Science Award	39	3
American Legion Award	138	10
Boy's State or Girl's State Delegate	312	22
Took the National Merit/Achievement Scholarship Examination		
Yes, and Received Commendation	238	17%
Yes, was Semi-Finalist	26	2 4
Yes, was Finalist	57	4
Yes, was Merit Scholar	33	2

Table 10 Scholarships

Number of Academic Scholarships	Number	Percent
None One Two or Three Four or Five Six or More	837 292 226 44 19	59% 21 16 3 1
Number of Athletic Scholarships		
None One Two or Three Four or Five Six or More.	1248 99 52 8 10	88% 7 4 1
Received the Following Military Scholarships*		
Army ROTC Scholarship Navy ROTC Scholarship Air Force ROTC Scholarship Other ROTC Scholarship	251 162 130 35	18% 11 9 2

^{*}May be more than one.

Table 11
Clubs and Positions Held or Awards Obtained

Elected or Appointed to Following High School Positions*	Number	Percent
President of High School Senior Class	67	5%
Senior Class Officer (Other Than President)	214	15
President, Student Body	85	6
President, High School Class (Other than Senior Class)	149	11
President, Student Council	102	7
Participated in or Held Following High School Positions*		
Debating or Forensic Society	170	12%
Thespian or Dramatic Club	219	15
Glee Club	119	8
High School Band	285	20
Staff, School Paper	261	18
Editor or Co-Editor, School Paper	105	7
Staff, Yearbook or Annual	240	17
Editor or Co-Editor, Yearbook or Annual	96	7
Presently is or has Been One of the Following*		
Boy Scout/Girl Scout	639	45%
Explorer Scout	135	10
Sea Scout	7	1
Air Scout	10	1
Campfire Girl	19	1
Camp Counselor	173	12
Order of the Arrow	152	11
Eagle Scout (Boys)	122	10
First Class Scout (Girls)	12	8

^{*}May be more than one.

Table 12

Nominations and Appointments

Dalland A. A. a. Landon Milliams New York and A.	Number	Percent
Federal Academies Where Nomination was Attempted*		
Naval Academy	435	31%
Air Force Academy	455	32
Coast Guard Academy	165	12
Merchant Marine Academy	76	5
Federal Academies Where Appointment was Received*		
Naval Academy	87	6
Air Force Academy	80	6
Coast Guard Academy	40	3
Merchant Marine Academy	26	2
First Choice of Schools was		
US Military Academy	1174	83
US Air Force Academy	129	9
US Naval Academy	22	2
US Coast Guard Academy	4	0
US Merchant Marine Academy	1	0
A Civilian Liberal Arts College	26	2
A Civilian Engineering Technical College	32	2
Another Type of College	22	2

^{*}May be more than one.

Table 13
Father's Military Status and Rank

Father's Past Military Service and Current Status	Number	Percent
No Military Service or Don't Know	453	32%
Disability	26	2
Served 20 Years or More and Retired	137	10
Now on Full Time Active Duty	115	8
Served at One Time but No Longer In Service	640	45
Now in Reserves or National Guard	32	2
Died While on Active Duty	5	0
Father's Highest Grade**		
E1 - E3 (Private or PFC)	136	10
E4 - E6 (Corporal Through Staff Sergeant)	235	17
E7 - E9 (Platoon Sergeant Through Sergeant Major)	98	7
Warrant Officer	14	1
Lieutenant or Captain	70	5
Major	44	3
Lieutenant Colonel	72	5
Colonel	52	4
General Officer	9	1

^{**}Army grade or AF, Navy and Marine Corps equivalent.

Table 14

Class Year of Fathers Who Are USMA Graduates

Year	No.		
1963	3		
1962	5		
1961	8		
1960	6		
1959	5		
1958	3		
1957	5		
1956	3		
1955	5		
1954	0		
1953	1		
1952	1		
1951	1		
1950	2		
1949	1		
1946	1	Total	50

Table 15
Sport Participation

	Number	Percent
Participated in Varsity Athletics	1288	91%
Earned Varsity Letter	1210	85
Varsity Team Captain	69 0	49

Table 16
Miscellaneous

	Number	Percent
Taken College Level Courses After High School in One of the Follows	ing	
A Junior, Community, Extension or Branch College With a One		
or Two-Year Program Only	77	5%
Other Institution With Less Than a Four-Year Program	8	1
A Four-Year College, Not Part of a University	29	2
A University, Including its Separate Colleges	72	5
Not Applicable	1216	86
Attended U.S. Military Academy Preparatory School	186	13

SECURITY CLASSIFICATION OF THIS PAGE (When Date Entered)

REPORT DOCUMENTATION	N PAGE	READ INSTRUCTIONS BEFORE COMPLETING FORM	
1. REPORT NUMBER	2. GOVT ACCESSION NO.		
82-012	AD-A119624		
4. TITLE (and Subtitle)		5. TYPE OF REPORT & PERIOD COVERED	
Characteristics of the Class	of 1986	6. PERFORMING ORG. REPORT NUMBER	
7. AUTHOR(a)		B. CONTRACT OR GRANT NUMBER(*)	
Mr. John Houston			
9. PERFORMING ORGANIZATION NAME AND ADDR Office of Institutional Resea	ess arch	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS	
United States Military Academ		Project No. 441	
West Point, New York 10996			
11. CONTROLLING OFFICE NAME AND ADDRESS		12. REPORT DATE	
Same as #9 above.		August 1982	
		13. NUMBER OF PAGES	
14. MONITORING AGENCY NAME & ADDRESS(II ditt	erent from Controlling Office)	15. SECURITY CL ASS. (of this report)	
United States Military Academ	ny	Unclassified	
West Point, New York, 10996		15a. DECLASSIFICATION DOWNGRADING SCHEDULE	
16. DISTRIBUTION STATEMENT (of this Report)			
Approved for public release; distribution unlimited.			
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)			
18. SUPPLEMENTARY NOTES	18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessar	y and identify by block number)		
· ·	shmen	,	
Admission Scores Class of 1986			
Analysis Characteristics			
Characteristics			
20. ABSTRACT (Continue on reverse side if necessary		dables and sablesses of	
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DD 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

